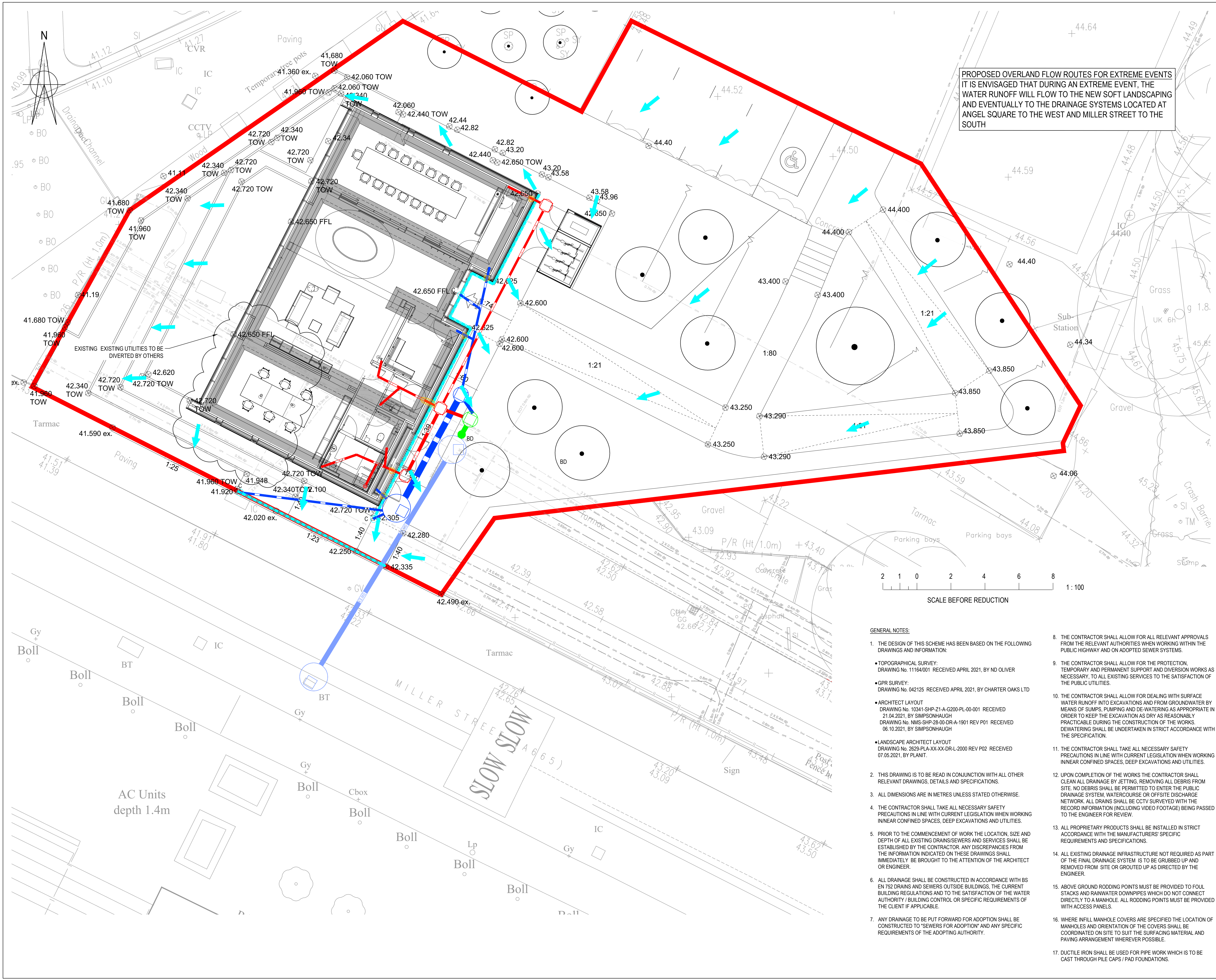




PROPOSED OVERLAND FLOW ROUTES FOR EXTREME EVENTS
IT IS ENVISAGED THAT DURING AN EXTREME EVENT, THE
WATER RUNOFF WILL FLOW TO THE NEW SOFT LANDSCAPING
AND EVENTUALLY TO THE DRAINAGE SYSTEMS LOCATED AT
ANGEL SQUARE TO THE WEST AND MILLER STREET TO THE
SOUTH

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HEALTH AND SAFETY INFORMATION IN ADDITION TO THE HAZARD RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING: CONSTRUCTION: - WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS - WORKS IN PROXIMITY TO LIVE SERVICES - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET			
MAINTENANCE/CLEANING/OPERATION: - WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS - WORKS IN PROXIMITY TO LIVE SERVICES - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET			
DECOMMISSIONING/DEMOLITION: - WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS - WORKS IN PROXIMITY TO LIVE SERVICES - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET			

LEGEND:	
	PROPOSED FOUL WATER DRAINAGE AND MANHOLE WITH REFERENCE
	PROPOSED SURFACE WATER DRAINAGE AND MANHOLE WITH REFERENCE
	PROPOSED COMBINED WATER DRAINAGE AND MANHOLE WITH REFERENCE
	EXISTING DRAINAGE
	PROPOSED ACO MULTIDRAIN M1000 WITH SUMP UNITS WITH ROADABLE FOUL AIR TRAP OR SIMILAR AND IN ACCORDANCE TO LANDSCAPE ARCHITECT SPECIFICATIONS
	PROPOSED SHOWER GULLY
	PROPOSED SOIL VENT PIPE
	PROPOSED RAINWATER PIPE
	PROPOSED FOUNDATIONS
	DRAINAGE CAST THROUGH FOUNDATION
	PROPOSED SITE BOUNDARY
	REVISION CLOUD
	PROPOSED OVERLAND FLOW ROUTE
ALL PIPES TO BE 100mmØ UNLESS OTHERWISE STATED	

P01	ISSUED FOR INFORMATION	27.10.2021	FR	CB	CB
Rev	Description	Date	Iss'd	Rev'd	App'd

RIBA STAGE 4

INFORMATION

BURO HAPPOLD

Canal Suite, Churchgate House
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Client: Scarborough Developments

Architect: Whittam Cox Architects

Project: NOMA MARKETING SUITE

Drp Title: DRAINAGE OVERLAND FLOW ROUTES FOR EXTREME EVENTS

Job No: 0042512
Scale: A1
1:100

Drawn/Designed By: FR
Checked By: CB
Approved By: CB

Drawing No: NMS-BHE-XX-XX-DR-C-3101
Revision: P01

GENERAL NOTES:

1. THE DESIGN OF THIS SCHEME HAS BEEN BASED ON THE FOLLOWING DRAWINGS AND INFORMATION:

• TOPOGRAPHICAL SURVEY: DRAWING No. 11164/001 RECEIVED APRIL 2021, BY ND OLIVER

• GPR SURVEY: DRAWING No. 042125 RECEIVED APRIL 2021, BY CHARTER OAKS LTD

• ARCHITECT LAYOUT DRAWING No. 10341-SHP-Z1-A-G200-PL-00-001 RECEIVED 21.04.2021, BY SIMPSONHAUGH DRAWING No. NMS-SHP-28-00-DR-A-1901 REV P01 RECEIVED 06.10.2021, BY SIMPSONHAUGH

• LANDSCAPE ARCHITECT LAYOUT DRAWING No. 2629-PLA-XX-XX-DR-L-2000 REV P02 RECEIVED 07.05.2021, BY PLANIT.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, DETAILS AND SPECIFICATIONS.

3. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

4. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.

5. PRIOR TO THE COMMENCEMENT OF WORK THE LOCATION, SIZE AND DEPTH OF ALL EXISTING DRAINS/SEWERS AND SERVICES SHALL BE ESTABLISHED BY THE CONTRACTOR. ANY DISCREPANCIES FROM THE INFORMATION INDICATED ON THESE DRAWINGS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER.

6. ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BS EN 752 DRAINS AND SEWERS OUTSIDE BUILDINGS, THE CURRENT BUILDING REGULATIONS AND TO THE SATISFACTION OF THE WATER AUTHORITY / BUILDING CONTROL OR SPECIFIC REQUIREMENTS OF THE CLIENT IF APPLICABLE.

7. ANY DRAINAGE TO BE PUT FORWARD FOR ADOPTION SHALL BE CONSTRUCTED TO "SEWERS FOR ADOPTION" AND ANY SPECIFIC REQUIREMENTS OF THE ADOPTING AUTHORITY.

8. THE CONTRACTOR SHALL ALLOW FOR ALL RELEVANT APPROVALS FROM THE RELEVANT AUTHORITIES WHEN WORKING WITHIN THE PUBLIC HIGHWAY AND ON ADOPTED SEWER SYSTEMS.

9. THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT AND DIVERSION WORKS AS NECESSARY, TO ALL EXISTING SERVICES TO THE SATISFACTION OF THE PUBLIC UTILITIES.

10. THE CONTRACTOR SHALL ALLOW FOR DEALING WITH SURFACE WATER RUNOFF INTO EXCAVATIONS AND FROM GROUNDWATER BY MEANS OF SUMPS, PUMPING AND DE-WATERING AS APPROPRIATE IN ORDER TO KEEP THE EXCAVATION AS DRY AS REASONABLY PRACTICABLE DURING THE CONSTRUCTION OF THE WORKS. DEWATERING SHALL BE UNDERTAKEN IN STRICT ACCORDANCE WITH THE SPECIFICATION.

11. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.

12. UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL CLEAN ALL DRAINAGE BY JETTING, REMOVE ALL DEBRIS FROM SITE. NO DEBRIS SHALL BE PERMITTED TO ENTER THE PUBLIC DRAINAGE SYSTEM, WATERCOURSE OR OFFSITE DISCHARGE NETWORK. ALL DRAINS SHALL BE CCTV SURVEYED WITH THE RECORD INFORMATION (INCLUDING VIDEO FOOTAGE) BEING PASSED TO THE ENGINEER FOR REVIEW.

13. ALL PROPRIETARY PRODUCTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS' SPECIFIC REQUIREMENTS AND SPECIFICATIONS.

14. ALL EXISTING DRAINAGE INFRASTRUCTURE NOT REQUIRED AS PART OF THE FINAL DRAINAGE SYSTEM IS TO BE GRUBBED UP AND REMOVED FROM SITE OR GROUTED UP AS DIRECTED BY THE ENGINEER.

15. ABOVE GROUND RODDING POINTS MUST BE PROVIDED TO FOUL STACKS AND RAINWATER DOWNPIPES WHICH DO NOT CONNECT DIRECTLY TO A MANHOLE. ALL RODDING POINTS MUST BE PROVIDED WITH ACCESS PANELS.

16. WHERE INFILL MANHOLE COVERS ARE SPECIFIED THE LOCATION OF MANHOLES AND ORIENTATION OF THE COVERS SHALL BE COORDINATED ON SITE TO SUIT THE SURFACING MATERIAL AND PAVING ARRANGEMENT WHEREVER POSSIBLE.

17. DUCTILE IRON SHALL BE USED FOR PIPE WORK WHICH IS TO BE CAST THROUGH PILE CAPS / PAD FOUNDATIONS.